

Applicant : William J. Clancey et al.
Serial No. : 09/855,684
Filed : May 16, 2001
Page : 3 of 9

Attorney's Docket No.: 09158-003002

In the claims:

Please amend the claims as follows:

Claims 1-14 (Previously Cancelled)

15. (Currently Amended) A computer-implemented method of populating a financial statement having columns and rows, comprising:

identifying an input database having columns as a source of input data for the statement, the data in the columns corresponding to a database period unit of time;

identifying a statement period unit for the base columns of the statement, the statement period unit being greater than the database period unit;

dynamically computing for each base column of the statement a correspondence to more than one column of the input database; and

populating cells of a statement column using data from the corresponding database columns.

16. (Original) The method of claim 15, wherein the statement is displayed to a user and the user can change the statement period unit, further comprising:

repopulating the cells in response to a change in the statement period unit.

17. (Original) The method of claim 15, further comprising:

automatically detecting the database base period unit from column labels read from the database.

18. (Original) The method of claim 15, wherein the statement is displayed to a user, further comprising:

inserting subtotal columns in the statement in response to a user request;

populating the statement including the subtotal columns with cell formulas for calculating cell values including values for the subtotal columns.

Applicant : William J. Clancey et al.
Serial No. : 09/855,684
Filed : May 16, 2001
Page : 4 of 9

Attorney's Docket No.: 09158-003002

19. (Original) The method of claim 18, wherein:
the cell formula for a cell in a row holding a flow term defines a sum of base column values and the cell formula for a cell in a row holding a stock term defines a copy of a preceding base column value.

20. (Original) The method of claim 18, further comprising:
inserting a grand total column in the statement in response to a user request; and
populating cells of the grand total column with cell formulas for calculating cell values, where for a row holding a flow term, a grand total column has a cell value defined as the sum of subtotal column values.

C1
Claim 21 (Previously Cancelled)

22. (Original) A computer program residing on a computer-readable medium for causing a processor executing the computer program to populate an electronic financial statement having columns and rows, the computer program comprising instructions to:
identify an input database having columns as a source of input data for the statement, the data in the columns corresponding to a database period unit of time;
identify a statement period unit for the base columns of the statement, the statement period unit being greater than the database period unit;
dynamically compute for each base column of the statement a correspondence to more than one column of the input database; and
populate cells of a statement column using data from the corresponding database columns.

23. (Currently Amended) A computer-implemented method of generating content in an electronic financial statement having cells at intersections of rows and columns, each cell having a cell value, the method comprising;

reading statement data for the financial statement, the statement data comprising:
~~obtaining~~ a row definition associated with an entire row of the financial

Applicant : William J. Clancey et al.
Serial No. : 09/855,684
Filed : May 16, 2001
Page : 5 of 9

Attorney's Docket No.: 09158-003002

statement;

~~obtaining from the statement data~~ a first column definition associated with an entire first column of the financial statement and a second column definition associated with an entire second column of the financial statement, each column definition specifying a period of time, the first and second columns being different columns of the financial statement; and

generating from the row definition and the first and second column definitions a first cell value for a first cell at the intersection of the row and the first column and a second cell value for a second cell at the intersection of the row and the second column, the first cell value being generated by evaluating a first formula expression generated ~~automatically and solely~~ from the row definition and the ~~second~~first column definition, the second cell value being generated by evaluating a ~~first~~second formula expression generated ~~automatically and solely~~ from the row definition and the second column definition.

C1
Sub 2
24. (New) The computer program of claim 22, the computer program further comprising instructions to:

display the statement to a user;
change the statement period unit in response to a user input; and
repopulate the cells in response to the change in the statement period unit.

C2
25. (New) The computer program of claim 22, further comprising instructions to:
automatically detect the database base period unit from column labels read from the database.

26. (New) The computer program of claim 22, the computer program further comprising instructions to:
display the statement to the user;
insert subtotal columns in the statement in response to a user request; and
populate the statement including the subtotal columns with cell formulas for calculating cell values including values for the subtotal columns.

Applicant : William J. Clancey et al.
Serial No. : 09/855,684
Filed : May 16, 2001
Page : 6 of 9

Attorney's Docket No.: 09158-003002

27. (New) The computer program of claim 26, wherein the cell formula for a cell in a row holding a flow term defines a sum of base column values, and the cell formula for a cell in a row holding a stock term defines a copy of a preceding base column value.

28. (New) The computer program of claim 26, further comprising instructions to: insert a grand total column in the statement in response to a user request; and populate cells of the grand total column with cell formulas for calculating cell values, where for a row holding a flow term, a grand total column has a cell value defined as the sum of subtotal column values.

C 29. (New) A computer program residing on a computer-readable medium for causing a processor executing the computer program to populate an electronic financial statement having columns and rows, each cell having a cell value, the computer program comprising instructions to:

read statement data for the financial statement, the statement data comprising:
a row definition associated with an entire row of the financial statement,
a first column definition associated with an entire first column of the financial statement and a second column definition associated with an entire second column of the financial statement, each column definition specifying a period of time, the first and second columns being different columns of the financial statement; and

generate from the row definition and the first and second column definitions a first cell value for a first cell at the intersection of the row and the first column and a second cell value for a second cell at the intersection of the row and the second column, the first cell value being generated by evaluating a first formula expression generated solely from the row definition and the first column definition, the second cell value being generated by evaluating a second formula expression generated solely from the row definition and the second column definition.